

Royal Society of Arts calls for expanded DES UGC chairman to be Leeds vice chancellor

NORTH AMERICA 5 Ohio senator introduces maths improvement package Canada's universities face a troubled year

OVERSEAS 6 Polish students wary of plan to introduce grants Shake-up for Australian management education proposed

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Published by Times Newspapers Limited, 20 Gray's Inn Road, London WC1X 8EZ, England. Typesetting by Computer Graphics, 3741, Cambridge St, London EC1A 3QD, and printing by Northampton Mercury Co. Ltd, Upper King Street, Northampton NN1 3JA, Friday, July 20, 1982. Registered newspaper at the Post Office. ISSN 0047-3163



HIGHER EDUCATION SUPPLEMENT 200 Gray's Inn Road, London WC1X 8EZ. Telephone 01-837 1234

Technology's troubles

The conventionally self-critical view of Britain's record in science and technology is that we have rather too many Nobel prize winners and far too few good engineers. The result, according to the Royal Society of Arts' report on the future of technological higher education (page 2) is that "not understanding how to translate intellectual knowledge into value-added products and services which are internationally competitive leads to a failure to exploit "know-how" with internationally marketable products."

industry than it is prepared to borrow, and investors fall over themselves to buy a stake in high-technology companies. Many British companies are as progressively run as their rivals overseas, and not just multinationals like Unilever or Shell. Trade unions often have a keener appreciation of the benefits of technology than their rivals in management (although British workers clearly cannot be paid on Korean rates). Schools, colleges and universities have put considerable effort into promoting technical and technological education, often in excess of the effort apparently demanded by industry.

The blame for this failure is normally pinned on some familiar suspects, even recidivists - a civil service which is inaccurately but not unfairly stigmatized as dominated by Oxbridge arts graduates, and politicians with an unhealthy attraction to rhetoric and an even more unhealthy system more interested in financial speculation than sustaining manufacturing industry; an industry manned at the top by myopic second-raters who fail to appreciate technology and at the bottom by workers who are uncontrollably twitchy Luddite instincts; and an educational system dominated by teachers with a profound distaste for any entrepreneurial activity. The victims, of course, are the engineers who are discriminated against in all four areas.

The trouble with this analysis, which the Royal Society of Arts' study group seems broadly to accept although of course in much politer terms, is that it is only half true. All civil servants and politicians are not technologically illiterate. Indeed, in many high-technology fields the state, in the forms of government departments, research councils, and other agencies, has been a dynamic force. Banks are always trying to lend more money to manufacturing

Two important decisions in less than a week have left no doubt about the size of the task facing the National Advisory Body. Both were predictable enough but will provide stern tests of NAB's ability to protect the public sector from a spate of institutional closures far greater than that implied by Mr Christopher Ball, chairman of the NAB board, in his recent speech to the local authorities.

The second major worry for NAB, beyond the 10 per cent cut already signalled in the Government's spending plans, is the impending financial catastrophe of the Department of Education and Science. Both the secretary of state and ACSET itself

which suggests, for example, that the successful initiatives of the Manpower Services Commission have been possible precisely because it has remained detached from the bureaucracy of education. Translated to a higher education level, this principle would suggest that one solution might be to have technological institutions responsible to government departments other than the DES, rather as the more specialized grandes écoles in France are directed by non-education ministries.

The trouble with many reports on this subject, and the Royal Society of Arts report is no exception, is that they tend after the most perfunctory analysis of the problem to jump straight to proposed solutions. The unfortunate result is that the problem remains as ill-defined as before, and the proposed solutions hang in mid-air. So it is very difficult to form any opinion about the merits of any one proposal that makes two broad proposals. The first is that a department of education, science and training should be established. While they are certainly right to criticize the unnatural separation of education and training, a habit which is clearly unhelpful to the development of a stable view of technological education, it is not clear that a mega-reorganization of the structure of government would help much. Indeed there is a contrary argument, that of pluralism,

The way ahead for NAB

board and now the committee of NAB have accepted that enrolments are likely to be far in excess of the DES targets, bringing worsening staff/student ratios and a serious shortfall in funding for those institutions which survive. Unless the demand for relaxed monetary targets is met substantially, the survivors will be very much fewer than NAB now envisages.



Hello, is that the video centre? No, I'm afraid not. The video centre? No. This is the university audio-visual centre. Ah yes, of course, audio-visual centre. Well, it's Professor Lapping here. Lapping, Professor of communications and related studies.

Oh yes, professor. I don't think we've met, have we? I'm Lazenby. Are you sort of erm... on the technical side of things? I'm Director of the audio-visual centre. Are you? Lazenby? Oh yes. Of course you are. Silly of me. Well, Lazenby. How are things these days in the... erm... erm... the old centre? Not so good really. As you know we're very much in the firing line for the next round of cuts. We've already lost three technicians. And of course all this at a time when audio-visual techniques and services are more and more fundamentally linked to advances in higher education.

The next chairman of the UGC therefore will need to be a very political animal. Never again can there be one of those almost routine promotions of a vice chancellor to a temporary agency as prius in UGC itself be regarded as an essential private committee. The next chairman will need to be a bit of an imperialist because the role of the UGC has become important rather than consensual and because he will have difficult frontiers to guard against the DES, against NAB, and against the universities. He, or she, will certainly not be able to afford to be sentimental about the simple virtues of a republican past.

The Times Higher Education Supplement

August 6, 1982 No 509 Price 45p

New college closure threat

by Patricia Santinelli Ministers decided yesterday on the distribution of teacher education places with a proposal to remove training entirely from up to 10 colleges and polytechnics.

colleges and polytechnics as this would lessen the political impact of the cuts. The existing split between institutions, which is roughly one third maintained colleges, one third polytechnics and one third voluntary colleges, will be maintained to ensure an adequate regional distribution.

Among the colleges most threatened are those which were re-opened in the last round of closures in 1977. These are Portsmouth Polytechnic, North Riding and North Cheshire (formerly Padgate) Colleges and Rolfe College. The closure of St Mary's (Fenham) college, which was also on that list, has already been announced.



With a burst on the cycle ergometer, action man Sebastian Co opened Britain's 'action laboratory' for test exercising sick and healthy children at Sheffield University's department of paediatrics.

Authorities asked for two-year commitment

by David Jobbins and John O'Leary Local authorities will be asked for a two-year commitment to support their colleges and polytechnics in the National Advisory Body's planning exercise which will determine the future shape of the public sector.

cooperation from individual branches of the 20,000-strong college and polytechnic white collar union. But the six English districts of the National and Local Government Officers' Association have decided there would not be enough support for an overall backing. This was despite the extra work needed and the unwillingness of union members to take part in something which could lead to more cuts.

Students face book shortage

by Paul Flather Students could find they are unable to buy the books they need this autumn: a battle over terms between a company which owns several top bookstores and academic publishers.

on the Pentos stores for textbooks, particularly in the Midlands where there are few other bookshops. Pentos, said to have bought very wisely over the years, owns a string of shops, including Dillon's and its eight branches at Queen Mary College, Derby, Lonsdale College and Nottingham University, Hodges Figgs in Dublin, Rossey and Clark in Croydon, Sleson and Parker in Nottingham with a branch at Trent Polytechnic, and Hudson's with 13 branches, one at Birmingham University and one at the polytechnic. It also owns four medical bookshops based at teaching hospitals.

Information technology singled out

The research council will give priority to information technology research including the "fifth generation" computers which the Government finally approves next year's budgets.

Merger plan provokes a bitter battle

by Ngaio Creghuer A furious public row has broken out between University College Cardiff and the University of Wales Institute of Science and Technology, and it threatens the future of their merger.

Richard Hoggart on the era of expansion, 13. Interview with Lady Carnegie, 11. Briefing on biotechnology, 8-9.

Four make running for AUT post

A shortlist of four has been drawn up for the top job in the university lecturers' union to replace the retiring general secretary, Mr Laurie Sapper.

It includes two outsiders in addition to the strongly-favoured internal candidates, deputy general secretary Mr John Akker, and the chairman of the union's salaries committee, Dr Andrew Taylor.

They are a man from the British Airline Pilots' Association, and a woman from one of the Civil Service unions.

Dr Taylor and Mr Akker were spared the initial interviews by a selection panel which saw 10 of the 80 applicants for the job, which carries a salary of between £19,515 and £25,071.

They and the two unknown outsiders will now be interviewed by the executive of the Association of University Teachers next month, and the name of the successful candidate will be forwarded to the union's December council for ratification - or rejection.

Several high-calibre applicants have failed to reach the shortlist after interview. Among them are Mr John Randall, now assistant general secretary of the Civil Service Union but better known in educational circles as president of the National Union of Students from 1973 to 75; Mr Keith Scribbins, assistant secretary of salaries, of the National Association of Teachers in Further and Higher Education; and Mr David Triesman, a lay member of the Natfhe executive.

Some surprise was being expressed that none of the three had made the shortlist.

The AUT has consistently looked towards the Civil Service when making comparisons over salaries and tenure. BALPA has less than 5,000 members but is obviously a professional workers' union for highly-qualified and well-paid employees.

Open Tech fears over student funding

by Karen Gold
Fears that lack of student funding could prove a stumbling block to the Open Tech are expressed in the official blueprint for the technology training programme published this week.

The plans were devised by a specially constituted Open Tech Task Group and have been accepted by the Manpower Services Commission. Introducing them, the task group chairman, Sheffield Polytechnic Principal Dr George Tolley, says: "The task group found itself coming back, again and again, to one area of concern that was outside its remit - those issues related to student support."

"For it is clear to us that if opportunities for adults are to be improved and widened then action will have to be taken to review and change the arrangements for support of students. Proposals from would-be course organizers already exceed the MSC's original suggestion of 12 to 20 courses over the first three years, during which government funding will rise from £1 million this year to £10 million in 1984/5."

But the task group says more proposals should be encouraged, and sets out criteria for acceptance which include identifying the long-term prospects of the training when its three-year pump-priming government money runs out - without entirely closing the door to further public support.



Signed and sealed the merger between London University's Bedford and Royal Holloway Colleges. Seated are Sir Cyril Clark (right), chairman of Bedford's council and Sir Owen Saunders, chairman of Royal Holloway's council. Standing are Professor Dorothy Wedderburn, Bedford's principal and Dr Roy Miller, acting principal of Royal Holloway.

London names the unlucky colleges

by Ngaio Crequer
A confidential letter from Randolph Quirk, vice chancellor of London University, to heads of schools, names the colleges to be "discriminated" against or protected when court allocates its grant.

Laboratory sciences will be concentrated in five sites: Imperial College; University College, which will be encouraged to cooperate more with Birkbeck; King's College/Queen Elizabeth College, which will be encouraged to develop relations with Chelsea College; Queen Mary College, which court wants to develop more closely with Westfield; and Bedford and Royal Holloway.

County threat to 500 youngsters

Some 500 young people in Bedfordshire will lose the chance of a place in further education this September unless the county council reinstates discretionary awards.

Many prospective students promised places by colleges have received letters saying that unless they find their fees, in some cases up to £1,500 a year, they will not be able to continue their studies.

The Labour group's education spokesman has written to Councillor Ian Dixon, the deputy leader of the council, asking the Conservative group to reconsider the decision.

The move follows a row on the NUS' executive over Mr Stewart's remarks last week on the loss of a chance to debate the grants regulations in the Commons. The Liberals and Social Democratic Party felt his observations blamed them for the lost opportunity, something they emphatically deny.

Third airport 'would harm observatory'

Cambridge University's Mullard Radio - Astronomy Observatory would be seriously affected if air traffic increased at Stansted, the inquiry into London's third airport heard this week.

The British Airports Authority has estimated that Stansted could handle 15 million passengers a year, Dr John Baldwin, reader in radio astronomy at Cambridge, told the inquiry that this would mean very serious interference with the observatory's reception of low radio frequencies from space.

He explained later that one of the observatory's main attractions was the wide range of instruments available. There are six in operation and a seventh is being built.

Authorities asked for commitment

Continued from page 1
The first three months of next year. Regional advisory councils will have until June 27 to add their comments. NAB itself intends to examine the plans over the summer in order to give its advice on the pool by the end of September.

This will be followed by advice to local authorities and institutions on future student numbers and courses.

Mr Bevan's letter says the primary criteria for judging courses should be their academic quality and relevance to regional and local needs. But it adds that the interrelationships between courses and the implications for part-time students must also be taken into consideration.

College and school staff 'should swap'

by Patricia Santinelli
Polytechnic teachers have called for an interchange of staff between higher education and schools as a short term way to reduce shortages and improve science teaching.

Principal retires in December

by Ngaio Crequer
The University of Manchester Institute of Science and Technology council approved last week the early retirement, in December, of its principal, Professor Robert Haszeldine, with five years' enhanced pension rights.

It also approved the recommendations of an internal committee of inquiry which investigated criticisms by the Comptroller and Auditor General's department of spending on Professor Haszeldine's residence, and his consultancy work.

Also, council should clarify the position concerning departmental research accounts, taking legal advice if necessary, and should review the arrangements for ensuring that funds reasonably removed from the chemistry department to the principal's research fund and said it was "concerned about the nature of some of the items of expenditure about the fund."

News in brief

Queen's gold medal winners

The three Queen's gold medal winners in physical, biological and applied sciences will be awarded by the Royal Society for their research at the N Research Council's laboratory in Cambridge. Sir William Hawt, master of Churchill College, bridge, and Professor R. H. I. Royal Society research fellow, Oxford.

Job share scher

Strathclyde University is to launch a new venture in job sharing West of Scotland. The scheme will be run by Strathclyde's student, Miss Barbara Graham, a complete register of students and staff members into a job sharing partner.

Dundee 'flouted fair principles'

The Dundee Association of University Teachers has attacked the university for its treatment of Mrs Elizabeth Dick, a scientific officer who an industrial tribunal found to have been unfairly dismissed.

Transfer bids

More than 20 bids have been received by the Department of Education to set up a protocol transfer information network south-west Britain. The DE to announce the winner of it this month. The Education and Credit Transfer Information System, is an important step in implementing a full credit system in the country.



A scene from Colin Mortimer's Fairweather Friends

Polish lecturer released

A Polish lecturer at St. Andrews University has just returned after being detained in Poland for seven months.

Dr Antoni Chawluk, an economics lecturer at St. Andrews since 1975, had been on study leave in Yugoslavia and Hungary, and went to visit his mother in Warsaw for Christmas, when martial law was declared.

Praise for oil link

One of the factors in deciding Government block grants to North Sea oil companies will be their contribution to the development of higher technology, Energy Minister Mr Hamish Gray said at Aberdeen University.

Mr Gray was speaking at a dinner given for him by Aberdeen's Principal, Professor George McNeill, with members of oil and related service companies and university staff involved in related work.

Lecturers get reprieve

Manchester City Council has given a temporary reprieve to college lecturers whose conditions of service are under threat.

The decision was taken after a timetable for finding alternative savings had been agreed in talks held under the auspices of the Independent Advisory, Arbitration and Conciliation Service.

Welcome for biotech report

The Government has welcomed the recommendations of last year's Royal Society report on biotechnology and education, including additional post-graduate places and new staff posts.

Mr Keith Joseph, the Secretary of State for Education and Science, has told the society the recommendations will be vigorously pursued, within the framework set by existing policies.

The Times Higher Education Supplement

With effect from 12 August 1982 our new address will be

Priory House
St John's Lane
London EC1M 4BX

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Japanese economic miracle

Why has Japan "succeeded"? Western technology and the Japanese ethos by Michio Morishima

The book's subtitle holds the answer to the title's provocative question...

The interesting question is, of course, why Japan was able to adapt to western technology so rapidly...

First, he points out the differences between humanistic Chinese Confucianism...

The book starts with a reference to Max Weber and remains largely Weberian throughout...

Further criticism could be that the book's main thesis is really contained in the introduction...

This being said, Professor Morishima provides a very interesting interpretation of Japanese history...

Andrea Botho is a fellow of Magdalen College, Oxford.

The power of voters

Private Patronage and Public Power: political clientelism in the modern state

Private Patronage and Public Power: political clientelism in the modern state edited by Christopher Clapham

Political Capacity in Developing Societies by A. H. Somjee

In every political system, transactions occur between patrons, who offer spoils, status and advice...

It is refreshing to read a Japanese economist (a rather mathematical one at that) putting forward an interpretation which draws on a broad historical and ideological perspective...

The result is a valuable, substantive study that deals with clientelism in the USSR, the US, Ireland, Brazil, Thailand, old South Vietnam and several African nations...

James Manor is lecturer in politics at the University of Leicester.

ing to take note of the political (and, we might add, the socioeconomic) structures within which they operate...

The contributors seem to share three notions about clientelism: that it tends to impede the legitimization of power...

Clientelism in those settings has often been so tightly integrated into the collective doings of strong party organizations...

Indeed, the crumbling of the Congress Party's organization in India and the current crisis of legitimacy there should be attributed not to clientelism but to Mrs Gandhi's refusal to adapt it to more progressive purposes...

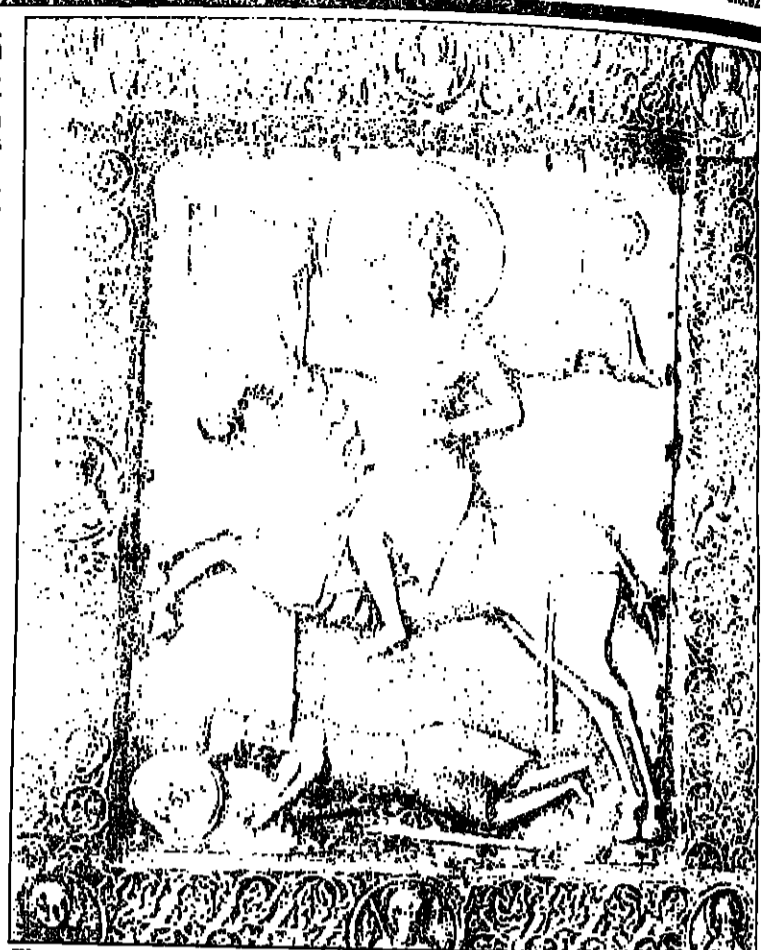
Open government

Public Secrets: a study in the development of government secrecy by K. G. Robertson

The literature of governmental secrecy continues to grow apace. In this country we are now familiar with the origins of the "negative" official secrets laws...

There are, of course, many difficulties facing advocates of open government. Their arguments have to be set against the background of constitutional and political features of a particular system of government...

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Eleventh-century silver gilt icon of St George, from Nakpari in Georgia. Taken from The Icon by Kurt Woltmann et al.

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Evangelical world-view

Moderate Puritans and the Elizabethan Church by Peter Lake

Elizabethan puritanism is a dangerous area for the young historian to enter. First, the subject itself is notoriously difficult to define...

Lake's book, however, moves in another direction and has different emphases. He sensibly avoids confining himself to the outset of the strait-jacket of a narrow definition of terms...

What was important about puritanism was not the external forms, the social categories that the puritans used, but the religious experience which structured their priorities and shaped their attitudes...

Dr Robertson, who is a sociologist, served as a member of the Justice Committee which reported on freedom of information a few years ago...

Dr Lake's book is based on his 1978 doctoral thesis on William Chaderton but the original study has been considerably enlarged and extended both chronologically and in its terms of reference...

John Bossy is professor of history at the University of York.

Pym's early career

The Making of an English Revolutionary: the early parliamentary career of John Pym by William W. MacDonald

This study of the early parliamentary career of John Pym carries the copyright date 1982, and the casual reader might be forgiven for assuming that it takes cognizance of the major works on early Stuart history...

This book, then, is twenty years out of date so far as its references are concerned; it is also embedded in a framework of historical explanation, basically Whigg and heavily dependent upon Gardiner...

Roger Lockyer is senior lecturer in history at Royal Holloway College, University of London.

Turning to theology

The Counter-Reformation: Catholic Europe and the non-Christian world by A. D. Wright

There is something peculiar about those books on the Counter-Reformation which attempt to see and convey a view of it as a whole...

Anthony Wright's book is possibly the most inventive yet, and certainly the most learned, and it has the distinction of being the first attempt to describe the subject in theological terms...

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Savage decade

The Westminster Chronicle 1381-1394 edited and translated by L. C. Hector and Barbara F. Harvey

In this admirable edition the Westminster Chronicle, which more than any other chronicle for the reign of Richard II has been consistently characterized as well-informed...

The chronicler begins with the riots in London during the great revolt of 1381, and reaches its climax with the rise of the Appellants...

MacDonald brings out Pym's obsessive anti-Catholicism, but hardly advances understanding by his comment that it had "the rather delicate odor of an old pair of socks"...

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Marjorie Chibnall

Marjorie Chibnall is a fellow of Clark Hall, Cambridge.

Roger Lockyer is senior lecturer in history at Royal Holloway College, University of London.

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Universities

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2. SENIOR LECTURER/LECTURER

Preference will be given to candidates having a PhD or equivalent international qualification and ability to provide leadership in teaching and research. The successful applicant will be engaged in teaching undergraduate and postgraduate students in the following areas: Regional Economics, Economic Planning and Development, and Economic Statistics.

THE UNIVERSITY OF PAPUA NEW GUINEA

Applications are invited for the position of SENIOR TECHNICAL OFFICER in the Department of Human Biology in the Faculty of Medicine. Applicants for this position should have a diploma in Medical Technology or a similar qualification with several years experience, preferably in a teaching institution. Preference will be given to applicants with experience in Medical Physiology. The person must be able to handle physiological instrumentation and undertake analysis, supervision and on-the-job training of Junior Technical staff.

NEW ZEALAND UNIVERSITY OF WAIKATO

CHAIR OF COMPUTER SCIENCE. The University of Waikato invites applications for the Chair of Computer Science. The successful candidate will be responsible for the development and delivery of computer science courses and will also be involved in research and supervision of postgraduate students.

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RESEARCH FELLOW IN EUROPEAN POLITICAL ECONOMY. Applications are invited for a Research Fellow in the Department of Economics. The successful candidate will be engaged in research and teaching in the field of European Political Economy. The position is for a period of two years, starting in September 1983.

THE CITY UNIVERSITY CAREERS ADVISER

Applications are invited from men and women graduates in any subject for a post as Careers Adviser in the Careers and Appointments Service at The City University. Previous employment of at least five years in the field of careers in commerce or industry at graduate level. Experience and training in the careers guidance of young people, particularly in the higher education sector, will be a considerable advantage. The successful candidate will be expected to take up the post as soon as possible. Further particulars can be obtained from Ms. J. Cameron, Personnel Recruitment Assistant, The City University, Northampton Square, London EC1V 0HB. Telephone 01-250 1107 (24-hour answering service). Applications should be returned by August 31st, 1982.

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Appointments. Universities, Fellowships, Research and Studentships, Polytechnics, Colleges of Higher Education, Colleges with Teacher Education, Colleges and Institutes of Technology, Technical Colleges, Colleges of Further Education, Colleges and Departments of Art Administration, Overseas, Adult Education, Librarians, General Vacancies, Industry and Commerce. Other classifications: Exhibitions, Awards, Conferences and Seminars, Courses, Personal For Sale and Wanted, Holidays and Accommodation.

LONDON KING'S COLLEGE (UNIVERSITY OF LONDON) DEPARTMENT OF BIOCHEMISTRY. Applications are invited for a post as Research Assistant in the Department of Biochemistry. The successful candidate will be engaged in research and development work in the field of biochemistry. The position is for a period of two years, starting in September 1983.

KEELE UNIVERSITY OF TEMPORARY EMPLOYMENT IN SOCIOLOGY AND SOCIAL ANTHROPOLOGY. Applications are invited for a post as Temporary Employee in the Department of Sociology and Social Anthropology. The successful candidate will be engaged in research and development work in the field of sociology and social anthropology. The position is for a period of two years, starting in September 1983.

FIFE UNIVERSITY OF ST. ANDREW'S. Applications are invited for a post as Research Assistant in the Department of Psychology. The successful candidate will be engaged in research and development work in the field of psychology. The position is for a period of two years, starting in September 1983.

ULSTER THE NEW UNIVERSITY SCHOOL OF SOCIAL SCIENCES. Applications are invited for a post as Research Assistant in the School of Social Sciences. The successful candidate will be engaged in research and development work in the field of social sciences. The position is for a period of two years, starting in September 1983.

JOHANNESBURG UNIVERSITY OF THE WITWATERSRAND. Applications are invited for a post as Research Assistant in the Department of Psychology. The successful candidate will be engaged in research and development work in the field of psychology. The position is for a period of two years, starting in September 1983.

WARWICK UNIVERSITY OF VISITING FELLOW IN LAW. Applications are invited for a post as Visiting Fellow in Law. The successful candidate will be engaged in research and development work in the field of law. The position is for a period of two years, starting in September 1983.

LONDON UNIVERSITY OF CLARENCE LEWIS. Applications are invited for a post as Research Assistant in the Department of Psychology. The successful candidate will be engaged in research and development work in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF WYVE COLLEGE. Applications are invited for a post as Research Assistant in the Department of Psychology. The successful candidate will be engaged in research and development work in the field of psychology. The position is for a period of two years, starting in September 1983.

Polytechnics continued

LECTURER GRADE II/ SENIOR LECTURER IN ELECTRICAL AND ELECTRONIC ENGINEERING. Applications are invited for a post as Lecturer Grade II/Senior Lecturer in the Department of Electrical and Electronic Engineering. The successful candidate will be engaged in teaching and research in the field of electrical and electronic engineering. The position is for a period of two years, starting in September 1983.

TRENT POLYTECHNIC NOTTINGHAM. Applications are invited for a post as Lecturer in the Department of Electrical and Electronic Engineering. The successful candidate will be engaged in teaching and research in the field of electrical and electronic engineering. The position is for a period of two years, starting in September 1983.

PAISLEY COLLEGE OF TECHNOLOGY DEPARTMENT OF PHYSICS. Lecturer in Physics. Applications are invited for the above post from candidates with interests in the general area of electronic or opto-electronic instrumentation, including microelectronics. Experience in electron microscopy would be an advantage. Normally the applicant would be expected to have a higher degree and teaching and research experience.

Two Deputy Directors. Salary: £23,866 (Inclusive). The Governors of the Polytechnic seek to appoint two Deputy Directors from January 1983: one with responsibility for Support Services and one for Academic Affairs, and invite applications by 24 September 1982.

LIVERPOOL POLYTECHNIC. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LIVERPOOL POLYTECHNIC. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

DURHAM UNIVERSITY OF EAST ANGLIA. SENIOR RESEARCH ASSISTANT. Applications are invited for the above post in the School of Chemical Science. The successful candidate will be engaged in research and development work in the field of chemical science. The position is for a period of two years, starting in September 1983.

DURHAM UNIVERSITY OF EAST ANGLIA. SENIOR RESEARCH ASSISTANT. Applications are invited for the above post in the School of Chemical Science. The successful candidate will be engaged in research and development work in the field of chemical science. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

DURHAM UNIVERSITY OF EAST ANGLIA. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

BRADFORD UNIVERSITY OF CIVIL & STRUCTURAL ENGINEERING. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

Overseas

UNIVERSITY OF CAPE TOWN. Two Chairs, a Senior Lectureship and a Lectureship in Physics. Applications are invited for the above posts for appointment on or as soon as possible after 1 January 1983. The University wishes to appoint a theoretical physicist to see of the chairs and an experimental physicist to see of the senior lectureship and a lecturer in physics to see of the lectureship. The successful candidates will be expected to have a higher degree and teaching and research experience. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

DURHAM UNIVERSITY OF EAST ANGLIA. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF CAPE TOWN. Helen and Morris Mauerberger Chair of Nursing. Applications are invited for the above post from candidates with interests in the general area of nursing. Experience in nursing would be an advantage. Normally the applicant would be expected to have a higher degree and teaching and research experience.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

LONDON POLYTECHNIC OF THE SOUTH BANK. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF NATAL. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF NATAL. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF NATAL. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

UNIVERSITY OF NATAL. Applications are invited for a post as Lecturer in the Department of Psychology. The successful candidate will be engaged in teaching and research in the field of psychology. The position is for a period of two years, starting in September 1983.

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Miscellaneous

Head of Educational Programme Services

Kim Taylor, Head of Educational Programme Services at the Independent Broadcasting Authority, has accepted the directorship of a Foundation and applications are invited for his successor. The post is based in London. The Head of Educational Programme Services has five main functions: (i) that of identifying and advising the Authority and its senior staff on the educational potentialities of the Independent Television and Independent Local Radio systems; (ii) informing and helping to guide the programme companies about the Authority's educational policies and their programme implementation; (iii) directing the work of the Authority's Educational Programme Services Department which contains staff specialising in Schools and Adult Education broadcast and in the development of 'follow-up' programmes in close co-operation with programme companies; (iv) supervising the Authority's liaison with its Educational Advisory Council and specialist panels and with outside educational interests, including those of central and local government; and (v) keeping abreast of the latest developments and thinking, both here and abroad, in educational broadcasting in the widest sense. The post demands both administrative and organising ability and the capacity, based on deep educational knowledge and a sympathetic understanding of programme-making, to be able to speak and write convincingly, and will possess the necessary personal qualities and experience in the effective within the IBA's self-financing system in negotiation and discussion with educationalists and broadcasters at all levels. The holder of the post will be someone who is able to combine the firmness necessary for the exercise of the Authority's supervisory functions with the sensitivity to the aspirations of the creative people employed on the educational side of broadcasting. The salary of the post, which is open to both men and women, will be around £20,000 per annum depending upon the qualifications and experience of the person appointed.



Full written applications should be made not later than 13th August to The Personnel Officer, IBA, 70 Brompton Road, London, SW3 1RY.

Colleges of Higher Education

Forms Control and Design Lecturer

The College provides a wide range of management and development training for civil servants at centres in Sunningdale, Berks and London SW1. This post will be based in London, but may involve teaching at Sunningdale and departmental premises elsewhere in the UK.

The major task will be to develop training on forms control and design, and to meet the needs of government departments arising from the White Paper on Administrative Forms in Government. This will involve preparing and running courses on forms control, graphic design and the use of English in forms preparation, and assisting with existing forms design courses. The person appointed will be expected to become an expert in this field and may be required to advise government departments, and undertake some consultancy work.

Candidates (normally aged at least 28) must have a good general education with theoretical and practical experience in the control and design of effective forms (preferably including computer based forms). They should normally have teaching or training experience within the management services or O&M field.

Appointments will normally be for a period of 5 years, with the possibility of extension or conversion to permanent appointment. Secondment for not less than 2 years may be considered in appropriate cases. Starting salary within the range £10,765-£13,055 according to qualifications and experience.

For further details and an application form (to be returned by 27 August, 1982) write to Civil Service Commission, Alencon Link, Basingstoke, Hants RG21 1JF, or telephone Basingstoke (0256) 88551 (answering service operates outside office hours). Please quote ref: G/5627/3.

Civil Service College

Personal

IMMEDIATE ADVANCES £100. Written terms on request. Regional Trust Ltd, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100. Tel: 01-475 5418. 1982

nihe limerick



Planned as Ireland's first technological university, the NIHE, Limerick, Ireland, has already gained widespread recognition for its contribution to the country's industrial development. Construction has now commenced on a new 17,000 square metre complex which will double the range of existing teaching and laboratory facilities and there are immediate vacancies in the College of Humanities for:

SOCIOLOGY LECTURER/ASSISTANT LECTURER

The person appointed will be primarily involved in teaching modules in the European Studies/Social Research option, as well as a variety of programmes to honours degree level in areas such as Regional Studies, Public Administration, and Business Studies. Applicants should have a sound theoretical foundation and should have experience of the application of sociology to business, public sector organisations or work situations. Proven experience in research is essential. An interest in the area of industrialisation and a knowledge of comparative sociology within the context of Europe would be advantageous. The person appointed will participate significantly in the further development of sociology at both undergraduate and postgraduate levels. A postgraduate qualification is the minimum academic requirement.

LAW

ASSISTANT LECTURER (Temporary)

The area of legal studies provides courses for the programmes in European Studies, Public Administration, Regional Studies and Business Studies. The person appointed will be expected to teach modules in Law Degree standards in specified core legal subjects. He or she will also be expected to contribute to the development of Legal Studies within the Institute. An appropriate postgraduate qualification is essential. The initial appointment will be for one year and may be renewed at the end of that period.

SOCIAL RESEARCH CENTRE COLLEGE OF HUMANITIES

The Social Research Centre is a national centre for applied research in the Social Sciences. Due to its continued expansion and growth applications are invited for the following positions:

RESEARCH OFFICER RESEARCH ASSISTANT RESEARCH ADMINISTRATOR

Applications are invited from suitable qualified persons who have experience in Social Research and Sociology. These challenging positions provide the opportunity for acquiring a wide range of skills and expertise. The appointment in each case will be on a short-term contract basis. Specialized arrangements may be negotiated. Experience in the analysis of qualitative and survey data is essential. Proven ability in report writing is necessary. In the administrative area, evidence of administrative skills and organisational ability is essential. Salary will be commensurate with capability and experience.

SALARY SCALES: Lecturer: £11,885-£16,561 p.a. Assistant Lecturer: £9,288-£11,367 p.a.

Application material available from The Personnel Office, The National Institute for Higher Education, Limerick, Ireland, to be completed and returned by 27th August, 1982.

The Times Higher Education Supplement SPECIAL BOOK NUMBERS FOR 1982. September 17: Education (II), Economics (II). October 1: Biological Sciences (II), University Presses, English (II), Sociology (II), Maths & Physics (II). November 5: History (II), Psychology (II), Politics, Computer Science. Special Features for 1982: September 10: High Education in the Common Market. October 8: Academic Journals.

Overseas continued

CAREER OPPORTUNITIES IN SINGAPORE FOR ENGINEERING PROFESSIONALS. Career opportunities exist in Singapore for engineering professionals who like teaching and are looking for challenging jobs in their field. The Nanyang Technological Institute, fully supported by the Government of Singapore, was set up to conduct engineering degree courses with an emphasis on engineering education at university level. The aim of the Institute is to produce practice-oriented engineers to meet the manpower needs of Singapore. It is one of the two institutions in Singapore that provide engineering education at university level. Due to the rapid expansion programme in engineering courses at university level, excellent opportunities exist for candidates with higher academic qualifications and sound professional engineering/teaching experience to fill the teaching positions in the following School of Engineering: Civil and Structural, Mechanical and Electronic, Electrical and Production. Appointments may be made at any of the following levels, depending on candidates' qualifications and experience, on an annual salary range (including a 13th month allowance) of: Professorship: \$885,180 - 1,124,880. Associate Professorship: \$588,300 - 843,900. Senior Lectureship: \$380,050 - 513,350. Lectureship: \$225,050 - 358,350. In addition to the salary, the Institute contributes 22% of the monthly salary of the member towards the Central Provident Fund Scheme to which the staff member contributes according to the credit of the staff, which is income tax exempt, can be withdrawn when he reaches the age of 55 or when he leaves Singapore/Malaysia permanently. The Institute provides housing on campus at a highly subsidised rate. Other benefits include car loan/education allowance, gratuity allowance, medical benefits, leave and passage assistance. A staff recruitment team from the Institute will visit the United Kingdom from 13 to 24 September 1982. Candidates who are interested and would like to take advantage of the visit of the recruitment team should write to: The Registrar, Nanyang Technological Institute, Upper Jurong Road, Singapore 2263, not later than 28 August 1982 in order that arrangements may be made for shortlisted candidates to be interviewed in London. Shortlisted candidates should give their curriculum vitae and the names and addresses of three referees. Those who are unable to respond before this date and are interested to be considered are welcome to attend the open session meetings to be held in the three cities mentioned above and discuss matters on teaching appointments with the recruitment team. Further details on the date, time and venues of such meetings will be announced in the same press on 10 September 1982.

Classified advertisements for various academic positions including: The Hatfield Polytechnic Counselor, LI/SL; Sheffield City Polytechnic Research Assistant; Sheffield City Polytechnic Lecturer in Economics; Middlesex Polytechnic Head of Psychology; and various other roles at different institutions.

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Every week there are many job opportunities in the classified pages of The Times Higher Education Supplement. Make sure you're the first to see them by buying your own copy every week. Simply complete the coupon on this page and give it to your newsagent.

Please reserve/deliver a copy of The Times Higher Education Supplement to me every week until further notice. NAME: ADDRESS: SIGNATURE: DATE:

